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## **AMENDMENTS TO CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

- (Currently Amended) A method comprising: storing method metadata, including a cookie indicator, in a code portion: and storing the code portion, in a memory, for later use.
- 2. (Original) The method of claim 1, wherein the method metadata further comprises a method handle.
- 3. (Original) The method of claim 1, wherein the method metadata comprises a magic cookie having a bit pattern non-compliant with an instruction set architecture.
- 4. (Original) The method of claim 1, wherein storing the method metadata comprises storing the method metadata at an N-aligned address of the code portion.
- 5. (Original) The method of claim 1, further comprising storing the method metadata at an end of the code portion.
- 6. (Original) The method of claim 1, wherein the code portion comprises compiled code for a method corresponding to the method metadata.
- 7. (Original) The method of claim 1, further comprising querying the code portion for the method metadata.
- 8. (Original) The method of claim 7, wherein querying the code portion comprises searching at N-aligned addresses of the code portion.
- 9. (Original) The method of claim 1, wherein storing the method metadata comprises storing the method metadata at an opposite side of a boundary location at an N-aligned address of the code portion at which a basic block is stored.

- 10. (Original) The method of claim 1, further comprising storing the method metadata between a first basic block and a second basic block of the code portion.
- 11. (Original) The method of claim 1, further comprising using a compiler to store the method method method at in the code portion.
- 12. (Original) The method of claim 11, further comprising storing the method metadata in a basic block used for exception handling.
- 13. (Currently Amended) A method comprising: receiving a request <u>from a requestor</u> to query a code portion for a method bundle including method metadata;

searching the code portion for the method bundle; and returning the method bundle to the requestor.

- 14. (Original) The method of claim 13, wherein the method metadata comprises a cookie indicator and a method handle.
- 15. (Original) The method of claim 13, wherein searching the code portion comprises searching at N-aligned addresses of the code portion.
- 16. (Currently Amended) The method of claim 13, wherein searching the code portion comprises searching in an instruction cache and further wherein, the code portion comprises an instruction code.
- 17. (Original) The method of claim 13, wherein searching the code portion comprises bidirectionally searching the code portion for the method bundle.
- 18. (Currently Amended) An article comprising a machine-accessible storage medium containing instructions that [[if]] when executed enable a system to: store method metadata including a cookie indicator in a code portion; and

## store the code portion, in a memory, for later use.

- 19. (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to store the method metadata with a magic cookie having a bit pattern non-compliant with an instruction set architecture.
- 20. (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to store the method metadata at an N-aligned address of the code portion.
- 21. (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to query the code portion for the method metadata.
- 22. (Currently Amended) The article of claim 21, further comprising instructions that [[if]] when executed enable the system to query the code portion at N-aligned addresses.
- 23. (Currently Amended) The article of claim 18, further comprising further comprising instructions that [[if]] when executed enable the system to store the method metadata between a first basic block and a second basic block of the code portion.
- 24. (Currently Amended) A system comprising:
- a memory including instructions that [[if]] when executed enable the system to search a code portion for method metadata including a cookie indicator;
  - a processor coupled to the memory to execute the instructions; and a wireless interface coupled to the processor.
- 25. (Original) The system of claim 24, wherein the method metadata comprises a magic cookie having a bit pattern non-compliant with an instruction set architecture of the system.

- 26. (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] when executed enable the system to search for the method metadata at Naligned addresses of the code portion.
- 27. (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] when executed enable the system to store the method metadata between a first basic block and a second basic block of the code portion.
- 28. (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] when executed enable the system to search for the method metadata using one of a forward search, a backward search, or a bidirectional search.